

Non-Game Fish Habitat Information

Species	Common Name	Scientific Name	Spawning Calendar					Water Body Types	Environmental Parameters
			A	M	J	J	A		
American Eel	(Anguilla rostrata)	Spawns in ocean, not in WI waters						N/A	N/A
Banded Killifish	(Fundulus diaphanus)	June	Mid	August	large lakes and medium to large streams	bays and quiet backwaters			
Black Buffalo	(Ictiobus niger)	mid May -> mid June	large rivers						
Black Redhorse	(Moxostoma duquesnei)	late May -> early June	only in WI and Eau Claire Rivers at Wausau						
Blue Sucker	(Cycleptus elongatus)	mid May -> mid June	large deep rivers						
Bluntnose Darter	(Etheostoma chlorosoma)	mid May -> mid June?	Mississippi River only						
Crystal Darter	(Crystallaria asprella)	mid May -> mid June?	large rivers						
Gilt Darter	(Percina evidei)	late May -> late June	medium to large streams						
Goldeye	(Hiodon alosoides)	May->	large rivers						
Gravel Chub	(Erimystax x-punctatus)	mid May -> mid June	shallow medium to large rivers						
Greater Redhorse	(Moxostoma valenciennei)	May or June	medium to large rivers						
Lake Chubsucker	(Erimyzon suetta)	mid May -> early July	weedy lakes and their associated marshy streams						
Lake Herring	(Coregonus artedii)	early Nov-> Mid December	deep inland lakes						
Least Darter	(Etheostoma microperca)	late April	July						
Longear Sunfish	(Lepomis megalotis)	late May -> mid July, sporadic to Aug	shallow streams, occasional in lakes						
Mud Darter	(Etheostoma asprigene)	mid May -> June	large low gradient rivers						
Ozark Minnow	(Notropis nubilus)	May	July or Aug						
Paddlefish	(Polyodon spathula)	late April -> early June	small to medium streams of low gradient						
Pallid Shiner	(Notropis aminis)	late May -> June?	large rivers and their lakes						
Pirate Perch	(Aphredoderus sayanus)	May	large lowland rivers, Mississippi River only						
Pugnose Minnow	(Opsopoeodus emiliae)	Mid May	Mid July	medium to large rivers					
Pugnose Shiner	(Notropis arogenus)	Mid May	July	lakes and low gradient rivers					
Pygmy Whitefish	(Prosopium coulteri)	November and December	glacial lakes and streams of low gradient						
Redfin Shiner	(Lythrurus umbratilis)	early June	Lake Superior						
Redside Dace	(Clinostomus elongatus)	May -> early June	low gradient streams						
River Redhorse	(Moxostoma carinatum)	mid May -> June	small streams adjacent to pastureland or meadows						
Shoal Chub	(Macropybopsis aestivalis)	May	June	large rivers					
Silver Chub	(Macropybopsis storeriana)	June	July	impoundments and pools					
Skipjack Herring	(Alosa chrysocloris)	Does not spawn in WI waters	riffles, pools, sloughs						
Slender Madtom	(Noturus exilis)	late May	migrates to rivers far to south						
Starhead topminnow	(Fundulus dispar)	June	streams and wide rivers						
Striped Shiner	(Luxilus chrysocephalus)	late May -> June	shallow backwaters						
Weed Shiner	(Notropis texanus)	late June -> July	runs and shallow pools						
Western Sand Darter	(Etheostoma clarum)	late June -> July	sloughs, lakes						

Compiled by James Bigham, 2003. Bureau of Endangered Resources, Wisconsin Department of Natural Resources.



Non-Game Fish Habitat Information (continued)

Species	Common Name	Scientific Name	Environmental Parameters			Vegetation	Spawn Temp/Misc.
			Turbidity	Current	Substrate		
American Eel	(Anguilla rostrata)	N/A	N/A	quiet	gravel, sand, silt, marl, clay, detritus, and cobble	N/A	N/A
Banded Killifish	(Fundulus diaphanus)	clear	varies	strong	varies, silt	none to sparse	70-73 °F
Black Buffalo	(Ictiobus niger)	varies	strong	moderate to strong	gravel, bedrock, sand, low silt	21 °C	21 °C
Black Redhorse	(Moxostoma duquesnei)	clear	strong	moderate to strong	gravel or cobble	55-73 °F	55-73 °F
Blue Sucker	(Cycleptus elongatus)				mud, clay, mixed sand and mud	50-60 °F	50-60 °F
Bluntnose Darter	(Etheostoma chlorosoma)				sparse to moderate vegetation	10- 15.6 °C	10- 15.6 °C
Crystal Darter	(Crystallaria asprella)	clear to moderate	moderate to strong	sand	they lay eggs on plants or plant debris		
Gilt Darter	(Percina evides)	clear	strong	silt free with cobble and small boulders	63-68 °F	63-68 °F	
Goldeye	(Hiodon alosoides)	turbid	quiet	mud	50-55 °F	50-55 °F	
Gravel Chub	(Erimystax x-punctatus)		strong	pea-gravel	60 °F	60 °F	
Greater Redhorse	(Moxostoma valenciennei)	clear	clear to moderate	sand, gravel, boulders	61-66 °F	61-66 °F	
Lake Chubsucker	(Erimyzon suetta)		quiet	cobble, sand, boulders, mud, silt	dense with organic debris	59-72 °F	59-72 °F
Lake Herring	(Coregonus artedii)				2-6 °C	2-6 °C	
Least Darter	(Etheostoma microperca)	clear	sluggish	gravel, sand, silt, boulders, mud, clay	56-60 °F, 54-73 °F	56-60 °F, 54-73 °F	
Longear Sunfish	(Lepomis megalotis)		quiet	dense vegetation, filamentous algal beds in or near vegetation	74-77 °F	74-77 °F	
Mud Darter	(Etheostoma asprigene)		moderate	mud, sand, clay, gravel, bedrock	23-32 °C	23-32 °C	
Ozark Minnow	(Notropis nubilus)	clear		cobble			
Paddlefish	(Polyodon spathula)			gravel, cobble			
Palid Shiner	(Notropis aminis)		quiet	sand, mud	spawn during high flows, 50-61 °F	spawn during high flows, 50-61 °F	
Pirate Perch	(Aphredoderus sayanus)		quiet	sand, soft muck covered with organic debris	10 °C with rising water levels	10 °C with rising water levels	
Pugnose Minnow	(Opsopoeodus emiliae)		quiet	mud, sand, cobble, silt, and clay	virtually nothing is known	virtually nothing is known	
Pugnose Shiner	(Notropis arogenus)	clear	quiet	sand, mud, gravel, or marl			
Pygmy Whitefish	(Prosopium coulteri)			often found in brush and weedy areas			
Redfin Shiner	(Lythrurus umbratilis)	turbid		often found in brush and weedy areas	70-84 °F	70-84 °F	
Redside Dace	(Clinostomus elongatus)	clear to moderate		mud, sand, cobble, silt, and clay	2-6 °C	2-6 °C	
River Redhorse	(Moxostoma carinatum)			sand, mud, gravel, or marl	≥70 °F from KS	≥70 °F from KS	
Shoal Chub	(Macropybopsis aestuialis)			silt, cobble, boulders, sand, detritus	64 °F	64 °F	
Silver Chub	(Macropybopsis storeriana)			cobble, sand, clay, silt, bedrock	68-74 °F	68-74 °F	
Skipjack Herring	(Alosa chrysosochoris)		moderate to strong	over clean gravel	20-23.3 °C from northern MI	20-23.3 °C from northern MI	
Slender Madtom	(Noturus exilis)		strong		no veg. to moderate	64-73 °F	64-73 °F
Starhead topminnow	(Fundulus dispar)	clear to moderate	quiet	gravel and boulders interspersed with fine sand	18.9-22.8 °C	18.9-22.8 °C	
Striped Shiner	(Luxilus chrysoccephalus)	clear to moderate	moderate	prefers abundant submerged aquatic plants often associated with	≥64 °F	≥64 °F	
Weed Shiner	(Notropis texanus)		still to sluggish	dense aquatic vegetation	18 °C	18 °C	
Western Sand Darter	(Etheostoma clarum)	clear to moderate	moderate to strong	extensive sand flats			

